



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

June 18, 1998

MEMORANDUM

SUBJECT: Addendum to the Duck Valley Indian Reservation Water Quality Investigation - Phase I Sampling Analysis Plan, Owyhee, NV (EPA QA Program Document Control Number [DCN] WATR185S98VSF2)

FROM: Gail Jones, Environmental Scientist
Quality Assurance Program, PMD-3 *Gail Jones*

THROUGH: Vance S. Fong, P.E., Manager
Quality Assurance Program, PMD-3 *Vance S. Fong*

TO: Alisa Wong, Project Manager
Ground Water Office, WTR-9

The revised document, Addendum to the Duck Valley Indian Reservation Water Quality Investigation - Phase I Sampling Analysis Plan, prepared by MSE-Technology Applications, and dated June 1998, was reviewed. The review was based on guidance provided in "Preparation of a U.S. EPA Region 9 Field Sample Plan for EPA-Lead Superfund Projects" August 1993 (9QA-05-93) and on comments contained in a Quality Assurance (QA) memorandum dated June 10, 1998.

The Addendum is approved. All concerns listed in the June 10th QA memorandum have been satisfactorily addressed. Since a signature page was not provided, this memorandum should accompany the Addendum as documentation of QA approval.

Questions or comments regarding this review should be referred to Gail Jones of the EPA QA Program, at (415) 744-1498.

Joaquin Cruz

08/17/98 02:15 PM

To: Alisa Wong/R9/USEPA/US@EPA
cc:
Subject: Comments on Duck Valley Soil Sampling

I'm not quite sure what level of detail you would like, but, without a site map, here's my best shot...

Extensive contamination (levels above 100,000 ppm TPH-d) exists at the following sequential locations:

1. From the 16,000 gallon tank to 50 feet from the tank (BIA2FOL-01 and -02)
2. 175 feet from first corner (BIA2FOL-08).
3. North corner of 90° (BIA2FOL-11).
4. From West Corner-C1 to West Corner of C1 (BIA2FOL-34 and -35).
5. 6 feet from BIA Road (BIA2FOL-51).

Moderate contamination (levels from 50,000 to 100,000 ppm TPH-d) exists at the following sequential locations:

1. 90° corner East (BIA2FOL-10).
2. East corner 310 (BIA2FOL-15).
3. 25 feet south of C1 (BIA2FOL-36).
4. 4 feet outside TMY fence (BIA2FOL-43).
5. East side of sump (BIAYARD-01).

Unclear contamination status (due to a motor oil level above 100,000 ppm and a TPH-d level below 50,000 ppm):

1. 50 feet from first corner (BIA2FOL-02).
2. First corner of FOL (BIA2FOL-04).
3. 100 feet from first corner (BIA2FOL-09).
4. 25 feet west of -46 (BIA2FOL-48).
5. From 20 feet west of sump to 18 feet south of sump (BIAYARD-04, -05 and -06).

These contamination levels are a rough first-cut approach to prioritizing further investigatory actions.
Hope this helps.

Joaquin

10,000 TPH-d